L Number	Hits	Search Text	DB	Time stamp
7	10	347/65.ccls. and "MEMS" and "CMOS"	USPAT; EPO; JPO	2004/08/23 08:49
8	38	piezoelectric and ("CMOS" near substrate)	USPAT; EPO; JPO	2004/08/23 08:51
9	5	(piezoelectric and ("CMOS" near substrate)) and 347/$.ccls.	USPAT; EPO; JPO	2004/08/23 08:50
10	23	(piezoelectric and ("CMOS" near substrate)) and print$3	USPAT; EPO; JPO	2004/08/23 09:02
-	447	347/54	USPAT; EPO; JPO	2004/08/17 18:31
-	6	"4819009"	USPAT; EPO; JPO	2000/09/19 13:57
-	70055	electromag$ and coil	USPAT; EPO; JPO	2000/09/20 17:06
-	375000	piston or plunger	USPAT; EPO; JPO	2000/09/20 17:07
-	9	(347/54) and (electromag$ and coil) and (piston or plunger)	USPAT; EPO; JPO	2000/09/20 17:17
-	50	(347/$.ccls.) and (electromag$ and coil) and (piston or plunger)	USPAT; EPO; JPO	2000/09/20 17:17
-	1191	magnetostrictive adj (material or actuator)	USPAT; EPO; JPO	2000/09/22 12:43
-	145447	magnetic adj field	USPAT; EPO; JPO	2000/09/22 09:53
-	663	(magnetostrictive adj (material or actuator)) and (magnetic adj field)	USPAT; EPO; JPO	2000/09/22 14:49
-	5	347/$.ccls. and ((magnetostrictive adj (material or actuator)) and (magnetic adj field))	USPAT; EPO; JPO	2000/09/22 14:48
-	3	magnetostrictive adj (paddle or diaphragm)	USPAT; EPO; JPO	2000/09/22 14:47
-	108	terfenol-D	USPAT; EPO; JPO	2000/09/22 14:48
-	0	347/$.ccls. and ((magnetostrictive adj (material or actuator)) and (magnetic adj field)) and terfenol-D	USPAT; EPO; JPO	2000/09/22 14:49
-	60	(magnetostrictive adj (material or actuator)) and (magnetic adj field) and terfenol-D	USPAT; EPO; JPO	2000/09/22 15:30
-	39	motamedi-$.in.	USPAT; EPO; JPO	2000/09/22 15:30
-	10544	sma or (shape adj memory adj alloy)	USPAT; EPO; JPO	2000/09/25 15:00
-	489	martensitic adj phase	USPAT; EPO; JPO	2000/09/25 12:13
-	587	austenitic adj phase	USPAT; EPO; JPO	2000/09/25 12:14
-	1	((sma or (shape adj memory adj alloy)) and (martensitic adj phase) and (austenitic adj phase)) and 347/$.ccls.	USPAT; EPO; JPO	2000/09/25 12:14
-	101	(sma or (shape adj memory adj alloy)) and (martensitic adj phase) and (austenitic adj phase)	USPAT; EPO; JPO	2000/09/25 12:20
-	3925	sma or (shape adj memory adj alloy) and 347/$.ccls.	USPAT; EPO; JPO	2000/09/25 15:00
-	65	(sma or (shape adj memory adj alloy)) and 347/$.ccls.	USPAT; EPO; JPO	2000/09/25 15:03
-	4	actuator and ((sma or (shape adj memory adj alloy)) and 347/$.ccls.)	USPAT; EPO; JPO	2000/09/25 15:05
-	3	ejector and ((sma or (shape adj memory adj alloy)) and 347/$.ccls.)	USPAT; EPO; JPO	2000/09/25 15:06
-	9	"0634273"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/21 16:42
-	3991177	ep "634273" a2	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/21 16:43

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-	10	"634273"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/21 16:43
-	4	"6557977"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/22 08:13
-	0	silverbrook-$.in and (nozzle near (guard$3 protect$3))	USPAT; EPO; JPO	2004/08/02 17:57
-	108	silverbrook-$.in. and (nozzle near (guard$3 protect$3))	USPAT; EPO; JPO	2004/08/02 17:57
-	29	(silverbrook-$.in. and (nozzle near (guard$3 protect$3))) and 347/54.ccls.	USPAT; EPO; JPO	2004/08/02 18:31
-	159	(MEMS near (substrate$1 nozzle$1 chamber$1))	USPAT; EPO; JPO	2004/08/17 18:40
-	22	((MEMS near (substrate$1 nozzle$1 chamber$1))) and 347/$.ccls.	USPAT; EPO; JPO	2004/08/02 18:33
-	11	("1941001" | "3373437" | "3416153" | "3946398" | "4346387" | "4894664" | "5812159" | "5825385" | "5880759" | "6079821" | "6312112").PN.	USPAT	2004/08/02 18:35
-	1	6247790.pn.	USPAT; EPO; JPO	2004/08/17 18:35
-	0	MEMS same substrate$1 same CMOS same (fluid near channel$1)	USPAT; EPO; JPO	2004/08/17 18:37
-	26	"MEMS" and (substrate$1 same "CMOS") and (fluid near channel$1)	USPAT; EPO; JPO	2004/08/17 18:37
-	1466	((MEMS microelectro$) near (substrate$1 nozzle$1 chamber$1))	USPAT; EPO; JPO	2004/08/17 18:41
-	33	(((MEMS microelectro$) near (substrate$1 nozzle$1 chamber$1))) and 347/$.ccls.	USPAT; EPO; JPO	2004/08/17 18:49
-	1	5989445.pn.	USPAT; EPO; JPO	2004/08/17 18:52
-	6	("3921916" | "4455192" | "5308442" | "5385635" | "5585827" | "5588597").PN.	USPAT	2004/08/17 18:52
-	714	347/65.ccls.	USPAT; EPO; JPO	2004/08/17 18:53
-	27	347/65.ccls. and "MEMS"	USPAT; EPO; JPO	2004/08/23 08:49
-	1	5828394.pn.	USPAT; EPO; JPO	2004/08/23 08:49
-	1	6712986.pn.	USPAT; EPO; JPO	2004/08/18 08:14
-	1	5828394.pn. and (paper medium sheet)	USPAT; EPO; JPO	2004/08/18 10:26
-	3871	347/$.ccls. and (piezoelectric same (thermal heat$3 bubble$1 actuator$1))	USPAT; EPO; JPO	2004/08/18 10:27
-	3694	(347/$.ccls. and (piezoelectric same (thermal heat$3 bubble$1 actuator$1))) not silverbrook-$.in.	USPAT; EPO; JPO	2004/08/18 10:28
-	420	((347/$.ccls. and (piezoelectric same (thermal heat$3 bubble$1 actuator$1))) not silverbrook-$.in.) and (conductive resistive) and (high with coefficient expansion)	USPAT; EPO; JPO	2004/08/18 11:29
-	6	(((347/$.ccls. and (piezoelectric same (thermal heat$3 bubble$1 actuator$1))) not silverbrook-$.in.) and (conductive resistive) and (high with coefficient expansion)) and serpentine	USPAT; EPO; JPO	2004/08/18 11:30
-	18	347/63-65.ccls. and kodak	USPAT; EPO; JPO	2004/08/18 11:21
-	28	347/63-65.ccls. and 347/68-72.ccls.	USPAT; EPO; JPO	2004/08/18 13:44
-	1	(347/63-65.ccls. and 347/68-72.ccls.) and (thermal with actuator$1)	USPAT; EPO; JPO	2004/08/18 11:28
-	295	347/$.ccls. and (thermal with actuator$1) and piezoelectric and (thermal bubble heat$3)	USPAT; EPO; JPO	2004/08/18 11:29

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-	196	(347/$.ccls. and (thermal with actuator$1) and piezoelectric and (thermal bubble heat$3)) and (conductive resistive) and (high with coefficient expansion)	USPAT; EPO; JPO	2004/08/18 11:29
-	1	(((347/$.ccls. and (thermal with actuator$1) and piezoelectric and (thermal bubble heat$3)) and (conductive resistive) and (high with coefficient expansion)) and serpentine) not silverbrook-$.in.	USPAT; EPO; JPO	2004/08/18 11:30
-	48	((347/$.ccls. and (thermal with actuator$1) and piezoelectric and (thermal bubble heat$3)) and (conductive resistive) and (high with coefficient expansion)) and serpentine	USPAT; EPO; JPO	2004/08/18 11:30
-	0	347/63-65.ccls. and 347/68-72.ccls. and "PTFE"	USPAT; EPO; JPO	2004/08/18 13:45
-	0	347/56-65.ccls. and 347/68-72.ccls. and "PTFE"	USPAT; EPO; JPO	2004/08/18 13:45
-	3	347/56-65.ccls. and 347/68-72.ccls. and (thermal near expansion)	USPAT; EPO; JPO	2004/08/18 13:46
-	0	347/56-65.ccls. and 347/68-72.ccls. and (high near coefficient)	USPAT; EPO; JPO	2004/08/18 13:47
-	126	347/$.ccls. and piezoelectric and thermal and (high near coefficient)	USPAT; EPO; JPO	2004/08/18 14:09
-	13	(347/$.ccls. and piezoelectric and thermal and (high near coefficient)) not silverbrook-$.in.	USPAT; EPO; JPO	2004/08/18 13:47
-	5	347/$.ccls. and (high near coefficient near expansion)	USPAT; EPO; JPO	2004/08/18 14:12
-	0	(thermal near printhead$1) and (high near coefficient near expansion)	USPAT; EPO; JPO	2004/08/18 14:13
-	0	printhead$1 and (high near coefficient near expansion)	USPAT; EPO; JPO	2004/08/18 14:13
-	1284	high near coefficient near expansion	USPAT; EPO; JPO; DERWENT	2004/08/18 14:14
-	51	(high near coefficient near expansion) and (347/$.ccls. 216/$.ccls. 29/$.ccls.)	USPAT; EPO; JPO; DERWENT	2004/08/18 14:36
-	1	jp404001051a	USPAT; EPO; JPO; DERWENT	2004/08/18 14:19
-	4	("4533082" | "4605167" | "4702418" | "5487378").PN.	USPAT	2004/08/18 14:34
-	2	6543884.pn.	USPAT; EPO; JPO; DERWENT	2004/08/18 14:38
-	12	("4789425" | "4864329" | "4866461" | "4894664" | "5016024" | "5198834" | "5322594" | "5463411" | "5489930" | "5638101" | "5648806" | "5710070").PN.	USPAT	2004/08/18 14:37
-	695	347/65.ccls. not silverbrook-$.in.	USPAT; EPO; JPO; DERWENT	2004/08/18 14:39
-	50	(347/65.ccls. not silverbrook-$.in.) and (thermal near expansion)	USPAT; EPO; JPO; DERWENT	2004/08/18 14:39
-	36	(347/65.ccls. not silverbrook-$.in.) and (thermal near expansion near coefficient)	USPAT; EPO; JPO; DERWENT	2004/08/18 14:52
-	2	5877791.pn.	USPAT; EPO; JPO; DERWENT	2004/08/18 14:53
-	2	5989445.pn.	USPAT; EPO; JPO; DERWENT	2004/08/18 14:53